

# *CONSTRUCTION OF POWER ASSISTING SYNCHRONOUS MOTOR*

## **Abstract**

An improved synchronous electric motor incorporating a stator and large current terminal unit made into a single unit with solidified molding resin thus a separate casing is unnecessary and thus the constitution is simplified. The large current terminal unit and a magnetic pole position detector are located on opposite sides of the stator, with the former mounted on one end of the shaft of a cooperating rotor and with the other on the other end of the rotor shaft, and they are fixed in solidified molding resin to form a single body.